
U.S. Department of the Interior • U.S. Geological Survey

MINERAL INDUSTRY SURVEYS

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MARKETABLE PHOSPHATE ROCK IN SEPTEMBER 1996

U.S. marketable phosphate rock production in September 1996 decreased about 9% compared to the prior month, according to the U.S. Geological Survey (USGS). Annualized production was slightly less in September than the production in 1995, 43.4 million tons.

Domestic phosphate rock sold or used, excluding exports for September, increased to slightly less than 3.9 million tons between August and September, with all annualized sales or use running about 2% behind the total for 1995 (Table 3).

U.S. producer ending stocks for September decreased compared with August. In the Florida-North Carolina region, stocks were about 5% lower, while in the Idaho-Utah producing

regions, stocks decreased about 12% compared with the previous month.

U.S. phosphate rock export volume reported to the USGS by domestic producers in September were up about 6% compared with August 1996 exports. Total U.S. import tonnage was estimated by USGS to average 150,000 tons per month, or 1.8 million tons per year. September import data were not available at the time of publication.

Estimated 1996 apparent domestic consumption, calculated from the sum of home deliveries and adjusted import data, translated to an annual rate of 41.4 million tons per year, compared with 42.6 million tons in 1995.

TABLE 1
UNITED STATES PHOSPHATE ROCK STATISTICS, BY REGION 1/

(Thousand metric tons)

Region and Period	Marketable production	Sold and/or used			Ending stocks 2/
		Domestic	Exports	Total	
Florida and North Carolina:					
1995:					
Jan.- June 3/	19,300	18,000	1,470	19,500	4,080 4/
September	3,130	2,970	247	3,220	3,790
October	2,890	2,880	284	3,160	3,760
November	2,930	2,710	202	2,910	3,800
December	2,910	2,940	264	3,200	3,670 r/ 2/
July-Dec. 3/	18,700 r/	17,300 r/	1,290 r/	18,600	3,670 4/
Jan.-Dec.	38,000 r/	35,300 r/	2,760 r/	38,100	XX
1996:					
January	2,980	2,790	158	2,950	3,690
February	2,900	2,670	275	2,950	3,690
March	3,170	2,890	231	3,120	3,750
April	3,140 e/	2,900 e/	W	2,900 e/	3,850 e/
May	3,200	2,750	W	2,750	4,170
June	3,140	2,690	W	2,690	4,860
Jan.- June 3/	18,500	16,700	W	16,700	4,080 4/
July	3,070	3,160	W	3,160	4,660
August	3,310	3,250	W	3,250	4,670
September	2,990	3,170	W	3,170	4,430
Idaho, Montana, and Utah:					
1995:					
Jan.- June 3/	2,670	2,650	--	2,650	2,100 4/
September	677	485	--	485	2,100
October	470	532	--	532	1,990
November	371	379	--	379	1,950
December	335	396	--	396	2,040 r/ 2/
July-Dec.	2,820 r/	2,970 r/	--	2,970 r/	2,040 4/
Jan.-Dec.	5,490 r/	5,620 r/	--	5,620 r/	XX
1996:					
January	250	382	--	382	1,920 e/
February	383 e/	315 e/	--	315 e/	2,010 e/
March	421	389	--	389	2,000 e/
April	564	495	--	495	2,070 e/
May	618	511	--	511	2,200
June	554 e/	552 e/	--	552 e/	2,190 e/
Jan.- June 3/	2,790	2,640	--	2,640	2,190 4/
July	614 e/	614 e/	--	614 e/	2,190 e/
August	591	576	--	576	2,190 e/
September	552	690 e/	--	690 e/	1,930 e/
United States:					
1995:					
Jan.- June 3/	22,000	20,700	1,470	22,100	6,180 4/
September	3,810	3,460	247	3,700	5,890
October	3,360	3,410	284	3,700	5,740
November	3,300	3,090	202	3,290	5,750
December	3,250	3,330	264	3,600	5,710 r/ 2/
July-Dec.	21,500 r/	20,300 r/	1,290 r/	21,600 r/	5,710 4/
Jan.-Dec.	43,500 r/	40,900 r/	2,760 r/	43,700	XX
1996:					
January	3,230	3,170	158	3,330	5,610 e/
February	3,280 e/	2,990 e/	275	3,260 e/	5,700 e/
March	3,590	3,280	231	3,510	5,750 e/
April	3,700 e/	3,400 e/	W	3,400 e/	5,920 e/
May	3,820	3,260	W	3,260	6,370
June	3,690 e/	3,240 e/	W	3,240 e/	7,050 e/
Jan.- June 3/	21,300	19,300	W	19,300	7,050 4/
July	3,690 e/	3,780 e/	W	3,780 e/	6,840 e/
August	3,900	3,830	W	3,830	6,860
September	3,540	3,860 e/	W	3,860 e/	6,360 e/

e/ Estimated. r/ Revised. W Withheld to avoid disclosing company proprietary data. XX Not applicable.

1/ Data are rounded to three significant digits; may not add to totals shown.

2/ Includes inventory adjustments.

3/ Final data. This is reported in the Annual Review publication, "Marketable Phosphate Rock", September, 1996. Previously reported monthly data are preserved to show month-to-month activities that closely follow the production, sales/use and inventory data acquired through monthly surveys.

4/ As of June 30 or December 31, respectively.

TABLE 2
U.S. IMPORTS 1/ 2/ 3/ AND EXPORTS 4/ OF PHOSPHATE ROCK 5/

(Thousand metric tons and thousand dollars)

Period	Imports		Exports	
	Quantity	Value	Quantity	Value
1995:				
Jan.-June 1995	345	17,400	1,470 6/	37,700 6/
September	136	6,830 e/	247	7,080
October	140 e/	7,040 e/	284	8,260
November	144 e/	7,240 e/	202	6,340
December	150 e/	7,540 e/	264	7,680
Jan.-Dec. 1995	1,080 e/	55,200 e/	2,760 r/6/	73,900 r/6/
1996:				
January	(7/)	32	158	4,050
February	64	3,730	275	8,820
March	49	2,790	231	7,210
April	(7/)	2	W	W
May	62	3,660	W	W
June	64	3,710	W	W
Jan.-June 1995	239	13,900	W	W
July	70	3,990	W	W
August	67	3,870	W	W
September	NA	NA	W	W

e/ Estimated. r/ Revised. NA Not available. W Withheld to avoid disclosing company proprietary data.

1/ Data supplied by the Bureau of the Census under the Harmonized Tariff Schedule of the United States HTS Nos. 2510.10.0000 and 2510.20.0000.

2/ C.i.f. (cost, insurance, and freight) values at U.S. ports.

3/ Excludes data suppressed by the Bureau of the Census.

4/ Quantity and value f.o.b. mine reported by respondents in the monthly survey.

5/ Data are rounded to three significant digits; may not add to totals shown.

6/ As reported in the Annual Review 1995 publication, "Marketable Phosphate Rock", September 1996.

7/ Less than 1/2 unit.

TABLE 3
COMPARATIVE PHOSPHATE ROCK STATISTICS

(Million metric tons per year and dollars per metric ton for period shown)

	1993	1994	1995	1996 (YTD annualized)
United States:				
Marketable production:				
Florida and North Carolina	29.9	34.0	37.5	37.2
Montana, Idaho, and Utah	5.2	7.1	5.9	6.1 e/
Total 1/	35.5	41.1	43.4	43.3 e/
Sold or used by producers: 2/				
Florida and North Carolina	34.7	37.4	38.0	36.7
Montana, Idaho, and Utah	5.9	6.7	5.6	6.0 e/
Total 1/	40.1	44.1	43.6	42.7 e/
Yearend stocks	9.2	6.0	5.7	XX
Exports	3.2	2.8	2.9	W
Average value per ton	\$28.51	\$25.60	\$25.66	\$36.10 3/
Imports for consumption	1.4 e/	1.8 e/	1.8 e/	1.8 e/
Average value per ton	\$60.45	\$48.76	51.3 e/ 4/	\$57.87 e/ 3/
Apparent consumption	38.3 e/ 5/	43.1 e/ 5/	42.6 e/ 5/	W e/ 5/

e/ Estimated. W Withheld to avoid disclosing company proprietary data. XX Not applicable.

1/ Data may not add to totals shown because of independent rounding.

2/ Includes exports reported by producers.

3/ Calculated from nonannualized 1996 data, January through the most recent month of available reporting.

4/ Calculated from nonannualized 1995 data, January through December.

5/ Calculated as total domestic sales or used plus imports minus exports, where imports are estimated to average about 150,000 tons per month, (and though the average monthly estimate may appreciably exceed any one month's reported imports).

TABLE 4
MOROCCAN
PHOSPHATE ROCK EXPORTS 1/
January - September, 1996

(Metric tons)

Country of destination	Quantity
Australia	86,500
Austria	77,000
Belgium	419,000
Brazil	105,000
Bulgaria	127,000
Canada	40,000
France	158,000
Germany	116,000
Greece	74,400
India	119,000
Indonesia	91,300
Ireland	5,200
Italy	131,000
Japan	107,000
Mexico	1,390,000
Netherlands	148,000
New Zealand	131,000
Pakistan	95,500
Poland	458,000
Portugal	16,500
Romania	135,000
Spain	1,310,000
Sweden	51,200
Turkey	105,000
United Kingdom	10,400
United States	1,280,000
Venezuela	69,300
Yugoslavia	229,000
Total	7,230,000

1/ Data are rounded to three significant digits; may not add to total shown.

Source: Moroccan Office Cherifien des Phosphates.